

BECOME A MASTER IN .NET FULL STACK

Your Path to Mastery Begins Here!



.Net Full Stack

Course Mission

Pranitha technologies.in Institute leads the way in providing cutting- edge IT Training and Skill Development across India. We have strived to establish an ideal learning atmosphere at all our training centers. We prepare our students to become dependable future professionals. Our institute aspires to promote universal access to learning for students. To achieve our mission of promoting better learning we invite all students to enroll in our .Net Full Stack Course. Join us today to make a fulfilling career in the Development sector.

.Net Full Stack STATISTICS:



85%

Website have some form of .Net Full Stack based Applications

**INDUSTRY
INSIGHTS**

34%

Year on Year Growth For All .Net Full Stack Jobs

Learn .Net Full Stack and Be in Demand Always!

In today's rapidly evolving Tech Industry, being a skilled .Net Full Stack Developer is a valuable asset. There is an unprecedented requirement of all rounders and dynamic developers in the website building domain. SevenMentor's comprehensive .Net Full Stack Course is designed to equip you with the knowledge and practical skills to handle every aspect of Web Development.

Become an Omnipresent .Net Full Stack!



.Net Full Stack is like being the architect of the digital world. It's the art of seamlessly connecting the visible, user-facing Front-End with the hidden, behind-the-scenes back-end of web sites and applications. .Net Full Stack Developer possesses a unique set of skills, combining the creative flair of a front-end developer with the problem-solving prowess of a back-end developer. Whether you dream of working with innovative startups, established tech giants, or even launching your own projects, the possibilities are endless.

Start Learning to Start Applying:

Gain practical .Net Full Stack experiences through well designed courses, latest tools and excellent teachers.



Experienced Faculty



Flexible Scheduling



Hands-On Learning



Mock Interview Sessions



Real-World Projects



Career Support



Comprehensive Curriculum



Lifetime Access



C#

1 Overview

- .Net framework Strong
- Programming Features of C#

2. Environment

- The .Net Framework Integrated
- Development Environment (IDE) for
- C# Writing C# Programs on Linux or
- Mac OS

3. Program Structure

- Creating Hello World Program
- Compiling and Executing the
- Program C# Keywords

4. Basic Syntax

- The using
- Keyword The class
- Keyword
- Comments in C#
- Member Variables
- Member Functions
- Instantiating a
- Class Identifiers

C# Keywords

5. Data Types And Variables

6. Constants And Literals

- Integer Literals
- Floating-point
- Literals Character
- Constants String
- Literals Defining

Constants

7. Operators

- Arithmetic Operators
- Relational Operators
- Logical Operators
- Bitwise Operators
- Assignment Operators
- Miscellaneous

Operators

8. Decision Making

- if Statement if...else
- Statement The if...else
- if...else Statement Nested
- if Statements Switch
- Statement The ? : Operator
-

9. Loops

- While Loop For Loop
- Do...While Loop Nested
- Loops Loop Control
- Statements Infinite
- Loop
-

10. Methods

- Defining Methods in C# Calling
- Methods in C# Passing
- Parameters to a Method Passing
- Parameters by Value

11 Arrays

- Declaring Arrays Initializing
- an Array Assigning Values to
- an Array Accessing Array
- Elements Using the foreach
- Loop Single dimensional
- Arrays Multidimensional
- Arrays

12 Strings

- Creating a String Object
- Properties of the String Class
- Methods of the String Class

13. Encapsulation

- Public Access Specifier
- Private Access Specifier
- Protected Access Specifier
- Internal Access Specifier

14. Classes

- Defining a Class Member Functions
- and Encapsulation

- C# Constructors
- C# Destructors

15. Inheritance

- Base and Derived Classes
- Initializing Base Class
- Multiple Inheritance in C#

16. Polymorphism

- Static Polymorphism
- Dynamic Polymorphism

17. Interfaces

- Declaring Interfaces

18. Namespaces

- Defining a Namespace
- The using Keyword
- Nested Namespaces

19. Exception Handling

- Exception Classes in C# Creating
- User-Defined Exceptions

20. File I/O

- I/O Classes The FileStream Class
- Advanced File Operations in C#
- Reading from and Writing to Text
- Files The StreamReader Class The
- StreamWriter Class
-



21. Delegates

- Declaring Delegates
- Instantiating Delegates
- Multi casting of a Delegate
- Using Delegates

22. Events

- Using Delegates with Events
- Declaring Events

23. Dependency Injection

24. Collections

- Array list Class
- Hashtable Class
- SortedList Class
- Stack Class
- Queue Class
- BitArray Class

25. Generics

- Features of Generics
- Generic Methods
- Generic Delegates

26. Multithreading

- Thread Life Cycle Properties
- and Methods of the Thread Class Creating Threads
- Managing Threads Destroying
- Threads

27. Win Forms

- Working with controls (Label, text field, button, radio button etc..)

28. ADO.net

- What is ADO.net Connecting
- to backend Performing
- CRUD operations

ASP.Net Core MVC

1 Introduction to ASP.NET Core MVC Framework

2 How to setup MVC in ASP.NET Core

3 AddController vs AddMVC vs AddControllerWithViews

4 Controller in MVC

5 Models in MVC

6 Views in MVC

7 ASP.NET Core Dependency Injection

8 Singleton vs Scoped vs Transient Service in ASP.Net Core

Date Passing Techniques in MVC

1 ASP.Net Core Application using MVC Template

2 ViewData in ASP.Net Core MVC

3 ViewBag in ASP.Net Core MVC

4 Strongly Typed View ASP.Net Core MVC

5 ViewModel in ASP.Net Core MVC

6 TempData in ASP.Net Core MVC

7 Post-Redirect-Get Pattern Example in ASP.Net Core MVC

ASP.Net Core MVC-Routing

1 Routing in Asp.Net Core MVC

2 Custom Routing in MVC

3 Custom Routing Constraint in MVC

4 Attribute Routing in MVC

5 Attribute Routing Using Tokens

6 Attribute Routing vs Conventional Routing

ASP.Net Core MVC - Views

1 Layout in MVC

2 Sections in Layout

3 ViewStarts in MVC

4 ViewImports in MVC

5 Partial Views in MVC

6 Different ways to render PartialViews

7 Integrate Model, View & Controller

ASP.Net Core MVC – Tag Helpers

1 Tag Helpers in ASP.Net Core MVC

2 Image Tag Helpers in ASP/Net Core MVC

3 Environment Tag Helpers in ASP.Net Core MVC

4 Navigation Menus in ASP.Net Core MVC

5 Form Tag Helpers in ASP.Net Core MVC

ASP.Net Core MVC- Model Binding

- 1 Model Binding**
- 2 Model Binding using FromForm**
- 3 Model Binding using FromQuery**
- 4 Model Binding using FromRoute**
- 5 Model Binding Complex Type**

ASP.Net Core MVC- HTML Helpers

- 1 Html Helpers in ASP.Net Core MVC**
- 2 TextBox ,TextArea HTML Helper**
- 3 DropDownList, RadioButton Html Helper**
- 4 Checkbox, Listbox Html Helper**
- 5 Editor, Password Html Helper**
- 6 DropDownList, RadioButton Hidden Html Helper**
- 7 Creating Form Using Html Helper**
- 8 Different ways to generate links in MVC**

ASP.Net Core Web API

1 What is Web API?

2 Create Web API Project in Visual Studio

3 Test Web API using swagger

4 Web API Controllers

5 Configure Web API

6 Routing in ASP.NET Web API

7 Parameter Binding in ASP.NET Web API

8 Return Types of Web API Action Method

9 Request, Response Formats in Web API

10 Media Type Formatters in ASP.NET Web API

11 Web API Filters Configure Dependency Injection

12 Web API

13 Web API Hosting

14 Create Web API for CRUD

15 Implement Get Method

16 Implement Post Method

17 Implement Put Method

18 Implement Delete Method

19 Consume Web API

20 Consume Get Method

21 Consume Post Method

22 Consume Put Method

23 Consume Delete Method

24 Consume Web API using HttpClient



ASP.Net Core

1 .NET Core

Overview

2 ASP.NET Core

Overview

3 Install ASP.NET

Core

4 Create ASP.NET Core Web

Application

5 ASP.NET Core Project's Folder

Structure

6 wwwroot

Folder

7 Setup Host in Program.cs

File

8 Importance of Startup.cs

File

9 Working with Command-line

Interface

10 Configure the Default File to be

Served

on the Root

Request

11 ASP.NET Core Environment

Variables

12 Dependency Injections in ASP.NET

Core

13 Built-in IoC Container in ASP.NET

Core

14 Working with Middleware in ASP.NET

Core

15 How to Add Custom

Middlewares in

ASP.NET Core

Application

16 Serving Static Files in ASP.NET

Core

17 Serving Static Files from Any Folder

in ASP.Net Core

18 Exception Handling in ASP.NET

Core

19 Logging in .NET

Core

20 Logging in ASP.NET

Core

.NET Core Application

Types



Technologies

ಪರಿಣಿತ ಟೆಕ್ನಾಲಜೀಸ್
Parinitha Technologies

MS SQL Server

1. What is DBMS?
2. Types of DBMS
3. What is SQL?
4. What is SQL Server?
5. Features of SQL Server
6. SQL Server Installation
7. SQL Server Architecture
8. SQL Server Command Categories
9. SQL Server Data Types
10. DDL Commands
11. Keys in Database
12. Constraints in Database
13. DML Commands
14. Operators
15. Nested Queries
16. Joins
17. Stored Procedures
18. DCL Commands
19. TCL Commands

Web Development

1 HTML 4 and HTML 5.

- A. Introduction of HTML B. Tag, Elements and Attributes C. Basics syntax D. Table E. List F. Forms G. Structure of HTML4 and HTML5 H. Semantic and non-semantic tags I. HTML 5 Features J. New Input type K. Forms Attribute L. SVG M. Canvas N. Audio, Video Tag

2. CSS (Cascading Style Sheet)

- A. Attributes (ID, Class, Style, Title) B. CSS Types (Inline, Internal, External) C. Box-model D. Display Property (Block, Inline, None) E. Visibility-Hidden F. Position Property(Static, Relative, Absolute, Fixed) G. Z-index Property H. Combinators (Descendant Selector, Child Selector, Adjacent Sibling Selector, General Sibling Selector)

I. CSS Pseudo-classes (Link, Visited, Hover, Active) J. CSS Pseudo-elements (First Line, First Letter, Before, After ,Selection) K. Static Web Page L. Viewport Meta tag

3. CSS

A. Background, Multiple Backgrounds
B. Font Related Features (online fonts)
C. Text-Effect and Box-Effect
D. Gradients-Linear and Radial
E. Transition
F. Transformation G. Animation
H. Media Queries

4. Bootstrap

A. Introduction of Bootstrap (Responsive) B. Typography C. Tables D. Images, Buttons E. Grid Structure-Type of columns F. Forms G. Jumbortron H. Well I Panel J. Navbar, Nav Tab K. Carousel L. Responsive Web Page

4. Bootstrap

A. Introduction of Bootstrap (Responsive) B. Typography C. Tables D. Images, Buttons E. Grid Structure-Type of columns F. Forms G. Jumbortron H. Well I Panel J. Navbar, Nav Tab K. Carousel L. Responsive Web Page

5. JavaScript

A. Introduction of JavaScript B. Use of JavaScript
C. Variables
D. Keywords
E. Data Type (Primitive, non-primitive)
F. JS Conditions (if, if-else)
G. Conditional operators & logical operators
H. Loops (for, while, do-while)
I. Switch
Case
J. Functions
K. SetTimeout and set Interval
Function
L. HTML
DOM
M. Use the document object to access and manipulate HTML
N. Changing HTML Elements

O. Adding and Deleting Elements P. Array Q. Objects R. How to access Objects (Dot Notation, bracket Notation) S. Object Creation (Empty Object, Literal Way, Constructor Way) T. Prototype U. Validations V. Events

4. Document Traversal A. Getting a specific DOM element 5. Event A. Events Helpers B. Attach Event C. Detaching Events D. Events Triggering 6. HTML Manipulation 7. AJAX with jQuery 8. Use and Benefits JSON

6. jQuery

1. Introduction A. JQuery Library B. First JQuery Example C. The Document Ready Function D. How to escape a special

character 2. Selectors

A. Basic selectors B. Precise Selectors C. Combination of Selectors D. Hierarchy Selectors E. Selection Index Filters F. Visibility Filters G. Forms Selectors H. Forms Filters 3. Find Dropdown Selected Item

6. HTML Manipulation

7. Use and Benefits JSON

8. Project: Static Web App development from scratch and Hosting.



Getting Started with React Course

- **Intro to ReactJS Environment Setup**
- **and folder structure JSX Components**
- **State Props Overview Props Validation**
- **Component API Component Life Cycle**
- **Forms Events Refs Keys Router**
- **Animations Higher-order Components**
- **What is Virtual DOM A basic setup of**
- **Bootstrap for Styling**

Databinding & DOM Concepts

- **Creating a basic custom attribute DOM**
- **Exploring Renderer to create a DOM**
- **Understanding HostListener and HostBinding Binding to DOM Properties**
- **Building Structural DOMs Exploring ngSwitch**

Understanding Services & Implementing Dependency

Injection

- **Module Introduction Why Services**
- **are required Understanding**
- **Dependency Hierarchical Injector**
- **Injecting a Service into other**
- **services**

Virtual DOM Introduction

- **Module Introduction Using**
- **types Classes Interface**
- **Generics Wrap up &**
- **Modules Deep dive into**
- **Virtual DOMs**

The Basics of React

- **Module Introduction How a React App gets loaded and started Components**
- **Creating new Component Analysis of the functionality of AppModule & Component Declaration Templates**
- **Understanding Component Styles**
- **Understanding Component Selector**

Observables in React

- **Module Introduction Understanding**
- **built-in React Observable Creating**
- **Observables Using a Custom**
- **observable Understanding Observable Operators**

Forms in React

- **Module Introduction Need to**
- **React's help Template Driven vs**
- **Reactive Approach**

Making HTTP Requests in React

- **Introduction & how HTTP request**
- **Works in SPAs Sending POST**
- **Request Adjusting request headers**
- **Sending GET requests**

Template Driven Approach

- TD: Submitting and Using the form TD:
- Understanding Form's State TD:
- Accessing Form using @ViewChild TD:
- Adding Validation to user input TD:
- Understanding Form State TD:
- Outputting Validation Error Messages
- TD: Using ngModel and two-way
- binding TD: Grouping Form Controls
- TD: Using Form Data

Authentication & Route Protection in React Apps

- Module Introduction How Authentication works in SPAs
- Introduction to JWT Firebase SDK
- Signing users up Signing users in Token
-

Angular

- 1 Introduction
- 2 Environment Setup
- 3 Install ASP.NET Core
- 4 Creating Angular Project
- 5 Folder Structure of Angular Application
- 6 Angular Environment Setup in VS
- 7 Run Angular Application in VS
- 8 Creating Angular Application in VS
- 9 Modules
- 10 Decorators
- 11 Components
- 12 Component Decorator
- 13 Template vs Template URL in Angular
- 14 Angular Nested Components
- 15 Styling Angular Components
- 16 Data Binding in Angular
- 17 Interpolation
- 18 Property Binding
- 19 HTML Attribute vs DOM Property
- 20 Attribute Binding
- 21 Class Binding
- 22 Style Binding
- 23 Event Binding
- 24 Two-Way Binding
- 25 Angular Container And Nested Components
- 26 Angular Component I/O Properties

- 27 Angular Directives
- 28 Angular Pipes
- 29 Angular Parameterized Pipes
- 30 Angular Custom Pipe
- 31 Routing in Angular
- 32 Redirecting Routes in Angular
- 33 Wildcard Routes in Angular
- 34 How Angular Route Works
- 36 Bootstrap With Angular
- 37 Angular Forms
- 38 Angular Template Driven Forms
- 39 Radio Button in Template Driven Forms
- 40 Checkbox in Template Driven Forms
- 41 DropDownList in Template Driven Forms



Your Success Is Our Priority:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.



Anil Giri

Java full stack & .Net Full stack Trainer
(SevenMentor & Training Pvt. Ltd.)

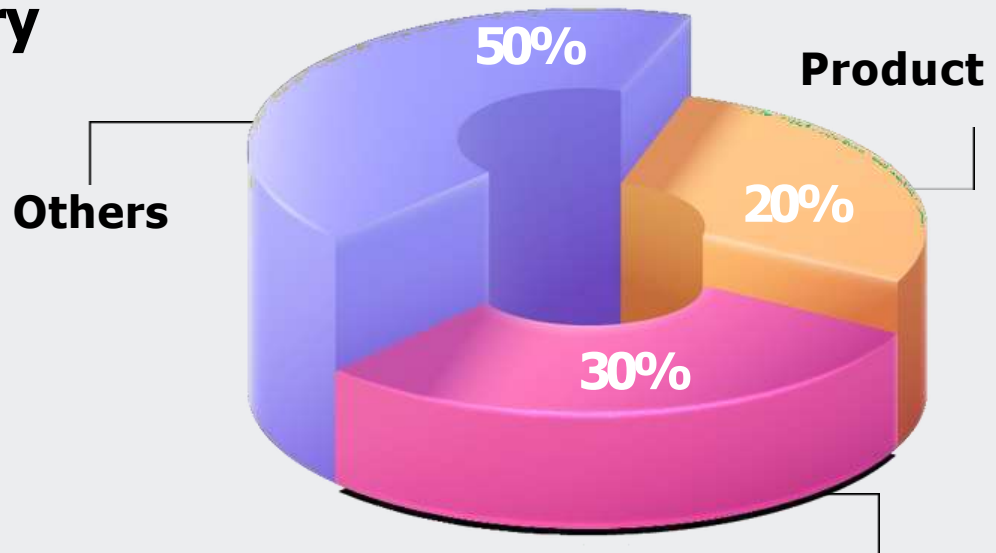
Professional IT trainer with over decade and eight years of experience in Java and .NET Full stack technologies. Worked for many corporates and delivered corporate training PAN India also managed team of 50 trainers and has many accolades under his belt due to his excellence at work.

An expert at designing training courses with technical content, Effective at imparting knowledge through his superior verbal communication skills, active listening style and unique teaching pedagogy. He has proven success in utilizing cutting-edge technology to devise training exercises for all types of learners.

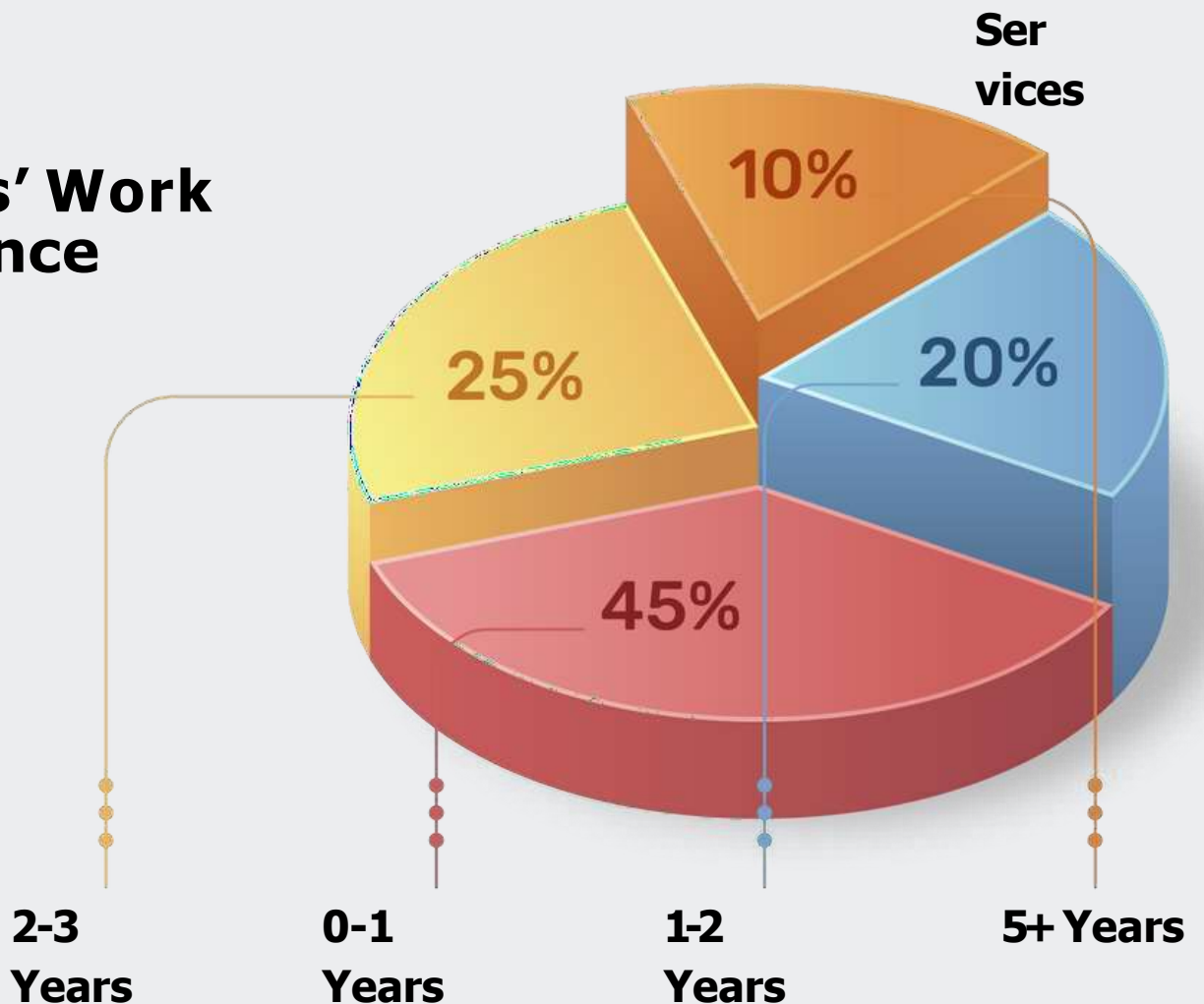
Success is around the corner!

Consider the potential earnings and opportunities that a career in .Net Full Stack can offer. With .Net Full Stack you'll be well-positioned to secure a job that provides you with a stable and potentially prosperous future.

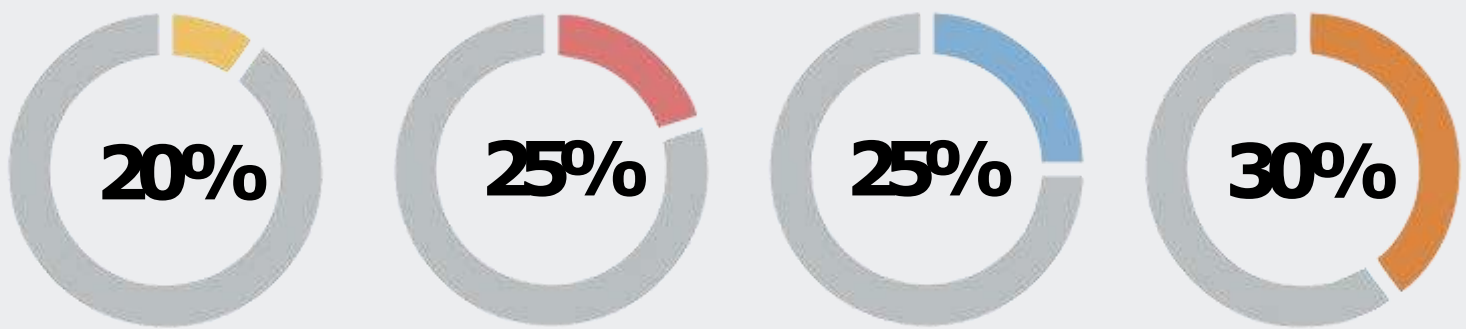
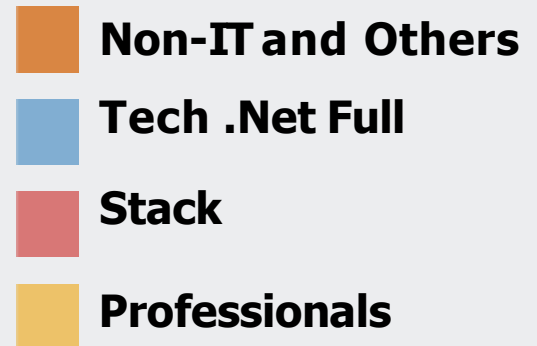
Learners' Industry Background



Learners' Work Experience



Learners' Expertise



Begin Your Journey Towards Better Future:

The global .Net Full Stack vacancies will grow by 56% and generate 4 million new jobs by 2030.

So get ready to dive headfirst into the dynamic world of .Net Full Stack by gaining all round experience at SevenMentor Institute

Affordable Training without Compromise:

We understand that pursuing your dreams in .Net Full Stack shouldn't be a financial burden. That's why we've made affordability a cornerstone of our .Net Full Stack Course. We believe that quality education should be accessible to everyone, and we've structured our program to reflect this commitment. Our .Net Full Stack Course takes you on an exciting journey but at a substantially low price.

How to become a great .Net Full Stack ?

- Enroll at SevenMentor Institute
- Get hands-on training from experienced teachers
- Receive Industry-recognized .Net Full Stack Certification
- Work for leading MNCs through our on-campus interviews

